

AMENDMENTS TO THE CLAIMS

This listing of the claims will replace all prior versions, and listings, of claims in the application:

1-81. (Cancelled).

82. (Currently Amended) An isolated antibody or a fragment thereof, wherein the antibody or the fragment thereof recognizes a mammalian GBS toxin receptor ~~or a polypeptide fragment thereof~~, and wherein the GBS toxin receptor has at least about 86% identity to SEQ ID NO:8.

83-84. (Cancelled).

85. (Previously Presented) The isolated antibody or the fragment thereof of Claim 82, wherein the mammalian GBS toxin receptor is expressed on a surface of a cell.

86. (Previously Presented) The isolated antibody or the fragment thereof of Claim 82, wherein the isolated antibody is a monoclonal antibody or a polyclonal antibody.

87. (Currently Amended) The isolated antibody or the fragment thereof of Claim 82, wherein the isolated antibody or the fragment thereof is generated by a method comprising immunizing an animal with the mammalian GBS toxin receptor or ~~the~~ an immunogenic polypeptide fragment thereof having at least six amino acids.

88. (Previously Presented) The isolated antibody or the fragment thereof of Claim 82, wherein the isolated antibody is a rabbit antibody or a mouse antibody.

89. (Currently Amended) The isolated antibody or the fragment thereof of Claim 82, wherein the isolated antibody recognizes an extracellular domain of the GBS toxin receptor ~~or the polypeptide fragment thereof~~.

90-96. (Cancelled)

97. (Currently amended) A composition for detection of a GBS toxin receptor or a polypeptide fragment thereof, comprising a reagent for detection of the GBS toxin receptor ~~or the polypeptide fragment thereof~~, wherein the GBS toxin receptor has at least about 86% identity to SEQ ID NO:8, and wherein the reagent for detection of the GBS toxin receptor is an isolated antibody or a fragment thereof.

98. (Cancelled)

99. (Currently Amended) The composition of Claim ~~[[98]]~~ 97, wherein the isolated antibody or the fragment thereof recognizes the mammalian GBS toxin receptor ~~or the polypeptide fragment thereof~~.

100-101. (Cancelled).

102. (Currently Amended) The composition of Claim 97, wherein the GBS toxin receptor ~~or the polypeptide fragment thereof~~ is detected in a cell or a tissue of an animal or a human.

103. (Previously Presented) The isolated antibody or the fragment thereof of Claim 82, wherein the isolated antibody or the fragment thereof is an inhibitor of binding of a GBS toxin to the mammalian GBS toxin receptor.

104. (Currently Amended) An isolated composition comprising an antibody or a fragment thereof, wherein the antibody or the fragment thereof recognizes a mammalian GBS

toxin receptor ~~or a polypeptide fragment thereof~~, and wherein the GBS toxin receptor has at least about 86% identity to SEQ ID NO:8.

105. (Previously Presented) The isolated composition of Claim 104, wherein the composition is isolated from an animal or a human.